

Fixes in Bentley GEOPAK V8i (SELECTseries 1) – *refresh release*

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Drainage

D-50520	Drainage > Preferences - Drainage Preferences is not recognizing linestyles.
D-61190	Drainage > Drainage Library - when a drainage library is selected for a drainage project, a tmp file is created in the bin directory. If the bin directory is locked then the library is blank.
D-63212	Drainage > Help > Configuration Variables > Drainage Variables - Need to update variables GPK_DRGPREF_DEFDRLIB and GPK_DRGPREF_DEFCELLLIB to make them clearer.

Installation

D-61613	Installation - Crash in multiple apps in GEOPAK if the path defined for DLL's is long.
D-62262	Installation - Include the additional LOS and LAS files in suite that are already in Power GEOPAK.
D-61462	Installation - LDD is being included with Civil Platform so the LDD folder and files need to be removed from the Site and Suite installations.
D-62275	Installation - Remove the ustation dll's that are in the C:\Program Files\Common Files\Bentley Shared\RoadwayDesign\08.11.07\ustationdlls\ folder.
D-58746	Installation - Add check to verify the version and location of MS/GEOPAK installed when running the GEOPAKCom.exe.
D-61377	Installation > PowerCivil - Survey files are missing from the install to process Leica DBX data.
D-59891	Installation > Power GEOPAK > Documentation > Some help categories are missing in Power GEOPAK.

D-60399 Installation > When doing silent install the trailing slash is missing for the install directory path.

Landscape

D-62005 Landscape > Draw Tree - when drawing a tree or shrub with a cell that contains embedded text, D&C Manager crashes with an error about the Adhoc attribute.

Road

D-57422 Road > COGO - Having two GPK's in the same directory is a problem for some of the COGO tools. If one GPK is accessed then the second is accessed by the Intersect and Inverse tools, the first GPK accessed are still retained in memory.

D-59993 Road > COGO > Element > Chain > Store > Offset Chain - The offset is not correct when using the Store > Offset Chain tool to create a parallel chain to an existing chain.

D-59396 Road > COGO > Export XML Alignments - Cannot import XML alignments into Leica Roadrunner, that had been exported from GEOPAK.

D-60674 Road > COGO - Fails to create input file when the part of input file name is the same as the GPK job number that is currently open.

D-63136 Road > COGO > File > Export To Land XML - Chain names larger than four characters are being truncated to 4 when importing the XML file with chain names larger than 4 characters.

D-61220 Road > COGO > Tools > Translate Rotate - All check mark boxes need to be clicked twice to activate (except survey chains and translate).

D-62970 Road > COGO > Import > Land XML - Crash when importing specific LandXML file into COGO.

D-57425 Road > COGO > Tools > Intersect - after clicking on the drop down list to view the chains if a data point is placed

somewhere on the dialog to close the drop down then close the dialog it crashes.

- D-63776 Road > COGO - GPK Access is extremely slow across the WAN.
- D-57624 Road > COGO > File > Input File Utility > Catalog - Remove the Catalog option from the input file utility dialog.
- D-63374 Road > Corridor Modeler > Export Profile to COGO generates the wrong file name.
- D-55380 Road > Corridor Modeler > ProjectWise - Cannot access an ITL file that is write protected.
- D-63373 Road > Corridor Modeler > When opening a geometry synchronization problem is incorrectly reported.
- D-57880 Road > Corridor Modeling - in ProjectWise the ALG file and PlanGraphics.txt file are checked out in the background when CM is closed.
- D-59984 Road > Corridor Modeling > Import DTM - Does not work when run in ProjectWise.
- D-57200 Road > Corridor Modeling > Load RDP - Loading the .IRD or .ITL using this command will corrupt these files.
- D-57144 Road > Corridor Modeling > Plan Graphics - In ProjectWise when using the "Display" option, it attempts to check out the ALG.
- D-57882 Road > Corridor Modeling - When accessed through ProjectWise, Plan Graphics scanning is not functioning correctly.
- D-61517 Road > Corridor Modeling Label XS - Slope labels are not being drawn using the VBA XS Labeler
- D-63774 Road > Cross Section Sheet Layout - TT Fonts not being recognized in sheet layout file
- D-59639 Road > D&C Manager - Custom linestyles in MicroStation view (displayed from reference file) change to plain elements when the D&C Mgr Compute Quantities is activated. Unable to re-display custom linestyles in the current session.
- D-59988 Road > D&C Manager - Identifying a Profile Cell gives inconsistent results with Gap/NoGap
- D-59799 ROAD > D&C Manager - In ProjectWise, when switching between DDB files (stored in PW), it allows you to switch once but when you want to switch back or open a different ddb, it opens a PW login dialog and select a

different DDB file.

- D-61215 Road > D&C Manager - Opening a DDB that contains TT Fonts will reset those fonts to MicroStation default fonts.
- D-62252 Road > D&C Manager - when plotting a chain that ends within 0.01 of a whole number, it appears to round the last tick mark stationing up one numbers. For example from 19 to 20.
- D-61214 Road > D&C Manager - Compressing a DDB that uses TT Fonts gives an "Invalid Hash Code" error.
- D-56616 Road > D&C Manager > Set - the set command does not work for self-referenced models. Add a message to user to modify the elements in the model the elements reside in.
- D-60386 Road > DTM > Export LandXML - Version number in header is incorrect
- D-58832 Road > DTM > Import from DTM - when importing multiple large InRoads DTM's, MS and GEOPAK crash.
- D-59991 Road > DTM Tools > Analysis > Height/Slope > Text > Set Feature - Text justification is missing from this tool.
- D-61212 Road > DTM Tools > Build > Delta Surface > Lattice - The extension LAT is not being added correctly to the name of the LAT file. The period is missing.
- D-60674 Road > COGO - Fails to create input file when the part of input file name is the same as the GPK job number that is currently open.
- D-59396 Road > COGO > Export XML Alignments - Cannot import XML alignments into Leica Roadrunner, that had been exported from GEOPAK.
- D-61220 Road > COGO > Tools > Translate Rotate - All check mark boxes need to be clicked twice to activate (except survey chains and translate).
- D-24079 Road > Help > Corridor Modeler - The Help button on Import Superelevation from INP file does not go to the correct location.
- D-61364 Road > Limits of Construction - on a specific data set the program incorrectly reports cut in a fill area.
- D-60353 Road > Plan Labeler > Does not recognize GEOPAK Elements when identifying a chain or element plotted by

D&C Manager.

- D-63775 Road > Plan Profile Sheet Layout - TT Fonts are not used in labels when MOTIF file method is employed.
- D-57961 ROAD > Plans Preparation > Plan View Labeler - The station is not being read properly in a chain were the curves were stored as chord definition.
- D-62254 ROAD > Plans Preparation > Plan View Labeler - Select Civil or MS Element does NOT update COGO Chain item when a GPK chain is selected.
- D-62718 Road > Project Manager > Superelevation – Modify Superelevation apps in Project Manager Dialog to allow for Command Assignments.
- D-60701 Road > Project Manager > Proposed Cross Sections > Typical Section Generator - Does not work correctly with ProjectWise. The files are copied to the DMS folder but are not registered in ProjectWise.
- D-61612 Road > Proposed Cross Sections - Process XS is not recognizing True Type Fonts unless the font definition resides in the active file.
- D-48609 Road > Quantity Manager - Certain file import/export operations are not integrated with ProjectWise.
- D-61538 Road > Quantity Manager - If UAC is on, then the first time a pay item is added, it fails due to write privileges. QM writes 3 files to the class folder that should be written to the location defined for the resource files. The files are QM.out, QM.err and QM.rsc.
- D-42858 Road > Quantity Manager - When accessing QM from within ProjectWise, if a quantity is updated and then the 'Refresh' button to update quantities is used, an 'unable to open database connection' error is displayed.
- D-61529 Road > Quantity Manager - When using a reference chain that has 10 regions, QM fails to read the ending station and region then gives an error.
- D-59717 Road > Quantity Manager > Create Report Style - The program is not editing the reportstyle.xml file to add the additional report style. It fails in directories that contain a space.
- D-56718 Road > Quantity Manager > Import > Payitem Above/Below - When adding a Payitem above or below an existing payitem, the new payitem comes in 2 or 3 above the original item selected.

- D-62793 Road > Roadway Designer > Approximate Component Quantities - The Help button in the dialog does not navigate to the correct location.
- D-62486 Road > Roadway Designer > Create Alternate Surface - Only one Alternate Surface is being created and all others are not created when multiple Corridors are processed
- D-61222 Road > Roadway Designer > DTM – The DTM does not show up in Cross Section View.
- D-61298 Road > Roadway Designer - The Help button does not work in Roadway Designer.
- D-50067 Road > Roadway Designer > Vertical Gore Tool - The help needs to be activated for the Vertical Gore Tool.
- D-54003 Road > ProjectWise - Slow processing of GEOPAK applications in ProjectWise, if there is a large amount of reference files.
- D-60908 Road > Training Link - Change the default directory location to not be under program files.
- D-61788 Road > Utilities > Import DTM crashes with specific datasets.
- D-60602 Road > XS Reports > After running any cross section report, if the individual report is closed then the Main XS Reports dialog is closed it results in a MDL Stack Overflow.
- D-16820 Road > XS Reports > Hec2 - In the "pos to neg" direction, HEC2 is skipping one point.
- D-59996 Road > XS Reports > Hec2 > Stations generated in the report are incorrect (i.e. they are off by 1).
- D-60666 Road > XS Reports > Multi-line - It is crashing when using "Add to Design File Option" if proposed elements on a cross section do not exist.
- D-63122 Road > XS Reports > Multi-Line - Selecting too many levels will crash XS Reports when processing.
- D-63121 Road > XS Reports > Multi-Line - Selecting too many levels will crash when saving .LIS file.
- D-63142 Road > XS Reports > Multiline Report - It is not drawing the finished ground elements into the design file as permanent elements when the "add to design" file toggle is on.
- D-57439 Road > XS VBA Labeler - Error occurs when two points are identical and slope label is attempted.

Site

D-31334 Site > Modeler > Analysis - 3D View Active Z tool does not work.

Survey

D-63410 Survey > COGO > Export to Trimble DC - The resulting profile has incorrect stationing.

D-61532 Survey > Dataset > Datafile > Florida EFB - EFB files are not being processed if the GEOPAK folder is locked, the EFP processor (DOS shell) goes on and off for like half second but no OBS file is created.

D-61537 Survey > Dataset > Datafile > SDMS - SDMS files are not being processed with Geopak folder locked, the EFP processor (DOS shell) which also process SDMS files, goes on and off for like half second, but no OBS file is created.

D-59562 Survey > Dataset > Datafile > Trimble > Reduce - Getting wrong distances when BOTH Pressure and Temp are not set in the data collector file. If only one is set then the distances are incorrect.

D-60580 Survey > Dataset > Datasource > Datafile > Custom > External OBS Converter EXE - When creating a new Survey dataset using a Data Source of "Data File -> Custom", the "processlist.txt" file which is created in the dataset output directory does not contain paths to the source (input) files. It only contains the filenames.

D-37420 Survey > Plans Preparation > Place Text in Object has "Balloon" spelt incorrectly.

D-61216 Survey > Project > Preferences - There is a configuration variable for the SDP that copies the seed SDP to the GEOPAK bin folder (GPK_SURVEY_SEED_SDPFILE), this CFG variable needs to be modified to write to a specified directory.

D-36792 Survey > Project > Preferences > Dataset > Linking Codes - If one of the linking codes key-in field are left blank, the software will freeze when processing data.

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| D-61657 | Survey > SMD Export to XML - Still some Export to XML issues. The font types and names for the labels (name, elevation, comment, and description) are not correct in the exported XML. |
| D-62227 | Survey > SMD Export to XML - The level for some items like Linear Feature, Name, Elevation and Comment are being exported as DEFAULT even though there is a level other than default assigned in the SMD file. |
| D-61478 | Survey > SMD > Export to XML – The export does not correctly export the Locator scale as defined in the SMD. |
| D-60775 | Survey > Visualization > Edit SMD - If an SMD label has True Type fonts selected in XM or V8, they will appear as Standard when the same SMD is open in V8i SS1 and SS2. |

WaterSewer

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| D-63420 | WaterSewer > Add Water lines / Sewer Lines – It will not create water lines nor sewer lines when terrain is defined by tin files. |
| D-60216 | WaterSewer > Close - Crash on exiting Water Sewer application if a project isn't opened. |

Civil Geometry, Roundabouts and Data Acquisition Fixes – *refresh release*

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| ID | Title |
| D-13178 | Data Acquisition > Crash with delete of DTM graphics in InRoads. |
| D-60906 | Data Acquisition > Error importing Leica DBX - Geoid data is currently not extracted using the current tool. |

D-53799	Data Acquisition > MX Hangs after Exporting a Surface or Field Book With an Invalid Name.
D-53805	Data Acquisition > No "Model Already Exists" trap when Exporting a Field Book to MX.
D-54237	Data Acquisition > Settings > Design File > Control Points > Import Coordinates As Control - When set to "always" it crashes with the attached Geodimeter 500 dataset.
D-57150	Data Acquisition > Software locks up the second time that Adjustments is toggled on. This is due to having 2 control points at the same XY coordinates.
D-53883	Data Acquisition Help > General Concepts > Creating Surfaces > Creating Surfaces from LIDAR. There are some incomplete topics in this help file.
D-57069	Geometry > .NET exception when accessing Items in Navigator
D-57796	Geometry > Alignment is not put back in the ALG after a Redo with the attached workflow.
D-56445	Geometry > Arc To Element Does Not Re-evaluate When Manipulating
D-57787	Geometry > Changing the northing or easting of a geometry point through Element Info is causing MicroStation to shut down.
D-59142	Geometry > Civil AccuDraw > The semi-colon does not work for a DMS separator when specifying the direction of a line.
D-31756	Geometry > Combinations of ByLevel settings disable features.
D-49723	Geometry > Complex By PI - Crash when clicking Enter to set the radius.
D-54361	Geometry > Crash in Line from Element.
D-57780	Geometry > Crash in Offset Transition command.
D-59237	Geometry > GEOPAK - When storing a complex element with auto persist on, if the prefix assigned creates an invalid point name in the gpk file, the process causes GEOPAK to hang.
D-57909	Geometry > MicroStation shuts down when trying to place a Civil Geometry line.

D-24803	Geometry > Offset Transition - Ratio Manipulator is missing when method is single offset or variable offset.
D-59992	Geometry > Open file then attach reference files (.shp and .dwg). Save the file and close. When the file is reopened it crashes.
D-07375	Geometry > Problems with clothoid spirals.
D-57795	Geometry > The MicroStation command, Edit> Bring To Front causes MicroStation to shut down when a persisted geometry element is selected.
D-57582	Geometry > Using MicroStations's Create Complex Chain with Civil Geometry Elements produces a crash.
D-59832	Geometry > When creating an alignment using Complex by Elements, it doesn't overwrite the M string when it used an element already in a previously created alignment.
D-57158	Geometry > When creating civil geometry elements with persist to native on, if undo/redo is used the resulting GPK elements are not cleaned up correctly.
D-57979	Geometry > When placing an arc from an element and the element is in a reference file crash occurs.
D-08611	Roundabouts > After an Undo, graphics will not un-highlight unless reselected.
D-59720	Roundabouts > After analyzing the Entry Path Curvature, on the civil selection panel then change the method of analyzing the EPC from BSpline to Arc, then it won't proceed with any actions.
D-20850	Roundabouts > After placing a roundabout then panning causes crash.
D-10194	Roundabouts > After placing a roundabout, some of the flares weren't built but no message center error was given
D-07020	Roundabouts > An exception error when editing deflection area.
D-59732	Roundabouts > Approach names are not being properly saved and therefore cannot be edited.
D-12525	Roundabouts > Cannot get deflection area and flares to create in the Roundabout. The deflection area can be created in MicroStation using the fillet command but for some reason the Roundabout geometry will not generate.
D-09942	Roundabouts > Civil Message Center does not update properly.

D-20933	Roundabouts > Crash exception error when selecting reference elements.
D-14575	Roundabouts > Crash occurs with Check Integrity command.
D-50336	Roundabouts > Element Info - Roundabout. Right clicking is producing a .NET exception.
D-60160	Roundabouts > Error when changing flare geometry in persisted model.
D-60158	Roundabouts > Errors in the message center are not reporting on GUI.
D-12935	Roundabouts > Flare is not rebuilt after deleting an approach.
D-60255	Roundabouts > Geometry is Wrong for a Danish Roundabout.
D-22910	Roundabouts > Insert Straight on Flare results in it being unable to calculate the straight correctly.
D-56406	Roundabouts > Library Browser - Cannot place the AASHTO Design Standards 2004.DGNLib roundabout.
D-22908	Roundabouts > Library Item Crown Problems
D-59973	Roundabouts > No Approach Centerlines are persisted to MX.
D-13158	Roundabouts > Pick Order for RA components is not correct.
D-33659	Roundabouts > Roundabouts Hang Placing a Roundabout on a Long Alignment.
D-22911	Roundabouts > Problems with Library Paths in the Browser.
D-57435	Roundabouts > Roundabout Library Browser. Two of the roundabout folders that appear by default do not have roundabouts to place in them.
D-54053	Roundabouts > Roundabouts takes a long time to load with certain datasets.
D-59893	Roundabouts > Some of the secondary crowns have are not cretaed in the mx model.
D-58821	Roundabouts > swapping between models in a design file that has several reference attachments is very slow if the roundabouts ec_extension is loaded.

- D-59901 Roundabouts > The circulatory crown on the roundabout is created in the MX Model, but it cannot be selected or have a tool tip.
- D-60251 Roundabouts > The Geometry is Wrong for an Australian Roundabout.
- D-60159 Roundabouts > When using the option to insert straight on flare geometry it does not create a tangential connection between the approach and circulatory crowns.